



PRE AM DT

6/B

Ainda

ATTORNEY'S DOCKET NO: C1039/7021

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Arthur M. Kreig  
Serial No: 09/337,619  
Filed: June 21, 1999  
For: METHODS OF TREATING CANCER USING IMMUNOSTIMULATORY OLIGONUCLEOTIDES  
Examiner: Not Yet Assigned  
Art Unit: 1617

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first class postage attached, addressed to Assistant Commissioner for Patents, Washington, D.C. 20231, on the 19th day of November, 1999

  
Kim Ray Akeeli

Assistant Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Before beginning examination of the above-identified application on its merits, please enter the following amendments and remarks.

In the Claims

Please amend the claims as follows:

42. (Amended) A method for increasing the responsiveness of a cancer cell to a cancer therapy, comprising:

administering to a subject having a cancer an effective amount for increasing the responsiveness of a cancer cell to a cancer therapy of an immunostimulatory nucleic acid, having a sequence including at least the following formula:

5' X<sub>1</sub> X<sub>2</sub> CGX<sub>3</sub> X<sub>4</sub> 3'

wherein C [and G are] is unmethylated, wherein X<sub>1</sub>X<sub>2</sub> and X<sub>3</sub>X<sub>4</sub> are nucleotides, and wherein the sequence is not palindromic.